

CLAIMS

1. A wind power installation comprising a pylon and a machine housing which is fitted thereon and which carries a rotor and a generator connected thereto, wherein the wind power installation is equipped with a flight lighting arrangement which produces a light which is visible over a long distance, preferably a flashing light, characterised in that the flight lighting arrangement is provided with a cover which very substantially prevents the light from the flight lighting arrangement from being visible in the region of 0 to 2000 m, preferably 0 to 700 m, beside the wind power installation, from the ground.

2. A wind power installation according to claim 1 characterised in that the light of the flight lighting arrangement is not visible in a region of about 0 to 1000 m beside the wind power installation and at a height of about 3 to 10 m.

3. A wind power installation according to one of claims 1 and 2 characterised in that the cover is a plate which is provided beneath and/or laterally of the flight lighting arrangement.

4. A wind power installation according to one of the preceding claims characterised in that the cover is of a parabolic configuration, wherein the flight lighting arrangement is disposed within the cover and the cover permits the light of the flight lighting arrangement to be visible at an angle of -10 to 90° , with respect to the horizontal.

5. A wind power installation according to one of the preceding claims characterised in that the cover is of such a configuration that the light from the flight lighting arrangement is not visible or is scarcely visible at a distance of 0 to 2000 m, preferably 0 to 1000 m, only in a region portion laterally of the wind power installation independently of the azimuth adjustment of the machine housing of the wind power installation.